

effectiveness or be used in the development of a system with similar or advanced capabilities.

5. A determination has been made that Argentina can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

6. All defense articles and services listed in this transmittal have been authorized for release and export to the Argentina.

#### ARMS SALES NOTIFICATION

Mr. RISCH. Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. JAMES E. RISCH,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 20-41 concerning the Navy's proposed Letter(s) of Offer and Acceptance to the Government of Belgium for defense articles and services estimated to cost \$33.3 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

CHARLES W. HOOPER,  
Lieutenant General, USA, Director.

Enclosures.

TRANSMITTAL NO. 20-41

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) Prospective Purchaser: The Government of Belgium.

(ii) Total Estimated Value:  
Major Defense Equipment \* \$25.0 million.  
Other \$8.3 million.  
Total \$33.3 million.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE):

Twenty-nine (29) All Up Round MK 54 Lightweight Torpedo Mod 0.

Non-MDE: Also included are two (2) Fleet Exercise Section conversion kits, torpedo support equipment, training and publications, U.S. Government and contractor engi-

neering, technical, and logistics support services, and other related elements of logistics and program support.

(iv) Military Department: Navy (BE-P-LBH).

(v) Prior Related Cases, if any: None.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None.

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: None.

(viii) Date Report Delivered to Congress: July 9, 2020.

\*As defined in Section 47(6) of the Arms Export Control Act.

#### POLICY JUSTIFICATION

Belgium—MK 54 Lightweight Torpedoes (LWT)

The Government of Belgium requests to buy twenty-nine (29) All Up Round MK 54 LWT Mod 0. Also included are two (2) Fleet Exercise Section conversion kits, torpedo support equipment, training and publications, U.S. Government and contractor engineering, technical, and logistics support services, and other related elements of logistics and program support. The total estimated program cost is \$33.3 million.

This proposed sale will support the foreign policy and national security objectives of the United States by improving the security of a NATO Ally which is an important force for political stability and economic progress in Europe.

The Belgian Navy is phasing out its inventory of MK 46 torpedoes. The MK 54 will give them the ability to engage submarines from its fleet of NH-90 helicopters and the new generation of Multi-Mission Frigates. Belgium will have no difficulty absorbing this equipment into its armed forces.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

The principal contractor will be Raytheon Integrated Defense System, Portsmouth, Rhode Island. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to Belgium; however, U.S. Government Engineering and Technical Services may be required on an interim basis for installations and integration.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

TRANSMITTAL NO. 20-41

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act

Annex Item No. vii

(vii) Sensitivity of Technology:

1. The MK 54 Torpedo is a conventional torpedo that can be launched from surface ships, helicopters, and fixed wing aircraft. The MK 54 is an upgrade to the MK 46 Torpedo, which is currently in-service in Belgium. The MK 54 replaces MK 46's sonar and guidance and control systems with modern technology. The new guidance and control system uses a mixture of commercial-off-the-shelf and custom-built electronics. The warhead, fuel tank and propulsion system from the MK 46 torpedo are re-used in the MK 54 configuration with minor modifications. There is no sensitive technology in the MK 54 or its support and test equipment. Belgium has not requested nor will it be provided with the source code for the MK 54 operational software. The highest classification of items to be transferred by this possible sale is SECRET.

2. If a technologically advanced adversary were to obtain knowledge of the hardware

and software elements, the information could be used to develop countermeasures or equivalent systems which might reduce system effectiveness or be used in the development of a system with similar or advanced capabilities.

3. A determination has been made that the Government of Belgium can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

4. All defense articles and services listed in this transmittal have been authorized for release and export to Belgium.

#### ARMS SALES NOTIFICATION

Mr. RISCH. Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. JAMES E. RISCH,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 20-28 concerning the Air Force's proposed Letter(s) of Offer and Acceptance to the Government of Chile for defense articles and services estimated to cost \$634.70 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

CHARLES W. HOOPER,  
Lieutenant General, USA, Director.  
Enclosures.

TRANSMITTAL NO. 20-28

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Government of Chile.

(ii) Total Estimated Value:  
Major Defense Equipment \* \$30.52 million.  
Other \$604.18 million.  
Total \$634.70 million.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: Equipment and related services for F-16 Modernization to include:

Major Defense Equipment (MDE):

Nineteen (19) Joint Helmet-Mounted Cueing Systems (JHMCS)

Six (6) Inert MK-82 (500LB) General Purpose Bomb Bodies

Two (2) MXU-650KB Air Foil Groups (AFG)  
Forty-four (44) LN-260 Embedded GPS/INS (EGI)

Forty-nine (49) Multifunctional Information Distribution System Joint Tactical Radios (MIDS JTRS)

Non-MDE: Also included are avionics and Mode 5 equipment and software upgrades, integration, and test; software and software support; ARC-238 Radios; Combined Altitude Radar Altimeters (CARA); Joint Mission Planning System (JMPS) support; Identification Friend or Foe (IFF) AN/APX-126 Combined Interrogator Transponders, cryptographic appliques, keying equipment, and encryption devices; weapon system spares and support; bomb components; High-Bandwidth Compact Telemetry Modules (HCTMs); secure communications and precision navigation equipment; aircraft displays; additional spare and repair/return parts; publications, charts, and technical documentation; integration and test equipment; U.S. Government and contractor engineering, technical and logistical support services; and other related elements of logistics and program support.

(iv) Military Department: Air Force (CI-D-VAZ).

(v) Prior Related Cases, if any: CI-D-CAW, CI-D-FAA, CI-D-GBK, CI-D-GBL, GBM, CID-GBO, CI-D-GRS, CI-D-KAB, CI-D-KBB, CI-D-MAA, CI-D-OAA, CI-D-PAC, CI-D-QAA, CI-D-QAB, CI-D-QAE, CI-D-QAN, CI-D-QAP, CI-D-RAD, CI-D-RAG, CI-DSGB, CI-D-VAE, CI-D-YAA, CI-D-YAB.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None.

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Attached Annex.

(viii) Date Report Delivered to Congress: July 23, 2020.

\*As defined in Section 47(6) of the Arms Export Control Act.

#### POLICY JUSTIFICATION

##### Chile—F-16 Modernization

The Government of Chile has requested to buy equipment and related services for F-16 Modernization to include: nineteen (19) Joint Helmet-Mounted Cueing Systems (JHMCS); six (6) inert MK-82 (500LB) general purpose bomb bodies; two (2) MXU-650KB Air Foil Groups (AFG); forty-four (44) LN-260 Embedded GPS/INS (EGI); forty-nine (49) Multifunctional Information Distribution System Joint Tactical Radios (MIDS JTRS). Also included are avionics and Mode 5 equipment and software upgrades, integration, and test; software and software support; ARC-238 Radios; Combined Altitude Radar Altimeters (CARA); Joint Mission Planning System (JMPS) support; Identification Friend or Foe (IFF) AN/APX-126 Combined Interrogator Transponders, cryptographic appliques, keying equipment, and encryption devices; weapon system spares and support; bomb components; High-Bandwidth Compact Telemetry Modules (HCTMs); secure communications and precision navigation equipment; aircraft displays; additional spare and repair/return parts; publications, charts, and technical documentation; integration and test equipment; U.S. Government and contractor engineering, technical and logistical support services; and other related elements of logistics and program support. The total estimated program cost is \$634.70 million.

This proposed sale will support the foreign policy goals and national security objectives of the United States by improving the security of a strategic partner in South America.

The proposed sale will improve Chile's capability to meet current and future threats

by modernizing its F-16 fleet, which will allow Chile to maintain sovereignty and homeland defense, increase interoperability with the United States and other partners, and deter potential adversaries. Chile will have no difficulty absorbing the upgrades into its armed forces.

The proposed sale of this equipment will not alter the basic military balance in the region.

The principal contractor will be Lockheed Martin, Bethesda, MD. There are no known offset agreements in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to Chile.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

#### TRANSMITTAL NO. 20-28

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act

#### Annex Item No. vii

##### (vii) Sensitivity of Technology:

1. Joint Helmet Mounted Cueing System (JHMCS) is a modified HGU-55/P helmet that incorporates a visor-projected Heads-Up Display (HUD) to cue weapons and aircraft sensors to air and ground targets enabling the pilot to monitor aircraft information without interrupting his field of view through the cockpit canopy.

2. Embedded GPS-INS (EGI) LN-260 is a sensor that combines GPS and inertial sensor inputs to provide accurate location information for navigation and targeting.

3. Multifunctional Information Distribution System (MIDS) Joint Tactical Radio (JTRS) is a software defined radio and data link. MIDS JTRS terminals can be loaded with sensitive cryptographic keys which secure data and radio communications.

4. Enhanced Paveway II (EP II) Laser Guided Bomb (LGB) is a maneuverable, all-weather, free-fall weapon that guides to a spot of laser energy reflected off the target. The "enhanced" component is the addition of GPS-aided Inertial Navigation Systems (GAINS) guidance to the laser seeker. Laser designation for the LGB can be provided by a variety of laser target markers or designators. The EP II consists of an Enhanced Computer Control Group (ECCG) that is not warhead specific and a warhead-specific Air Foil Group (AFG) that attaches to the nose and tail of a GP bomb body.

GBU-49 is a 500 lb weapon that can use an inert or live MK-82 bomb body fitted with MXU-650 or WGU-63 type AFGs, and MAU-210 ECCGs to guide to either a laser designated target or GPS coordinates of a target.

5. High-Bandwidth Compact Telemetry Modules (HCTM) are flight test instrumentation hardware that gathers real-time weapon data during testing of a munition.

6. The Modular Mission Computer (MMC) 7000AH is the central aircraft computer of the F-16. It serves as the hub for all aircraft subsystems and avionics data transfer.

7. AN/ARC-238 radio is a secure voice communications radio system.

8. Combined Altitude Radar Altimeter (CARA) is a radar system used to measure the aircraft altitude above the terrain. It is comprised of four components: a Receiver/Transmitter, Signal Data Converter, and Transmit and Receive Antennas. The upgrade will involve the Receiver/Transmitter as part of the overall Avionics upgrades.

9. Joint Mission Planning System (JMPS) is a multi-platform PC based mission planning system.

10. The AN/APX-126 Combined Interrogator Transponder is an Identification Friend or

Foe system capable of transmitting and interrogating Modes 4 and 5.

11. The highest level of classification of information included in this potential sale is SECRET.

12. If a technologically-advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

13. A determination has been made that Chile can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

14. All defense articles and services listed in this transmittal have been authorized for release and export to Chile.

#### ARMS SALES NOTIFICATION

Mr. RISCH, Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

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There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. JAMES E. RISCH,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirement of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 20-40 concerning the Navy's proposed Letter(s) of Offer and Acceptance to the Government of France for defense articles and services estimated to cost \$2 billion. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

CHARLES W. HOOPER,  
Lieutenant General, USA, Director.

Enclosures.

#### TRANSMITTAL NO. 20-40

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Government of France.

(ii) Total Estimated Value:

Major Defense Equipment \* \$1.3 billion.

Other \$ .7 billion.

Total \$2.0 billion.